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OF DRAWINGS

Attorney Docket No: P-LJ 5037

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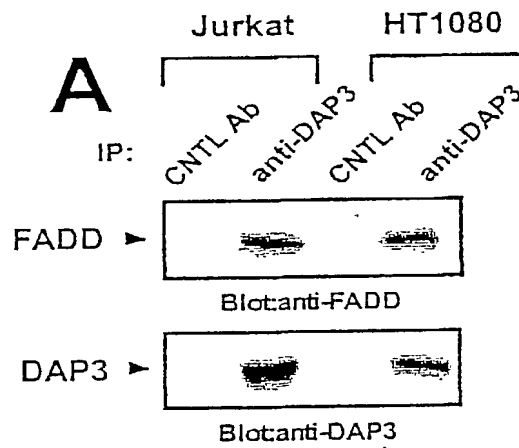


FIGURE 1A

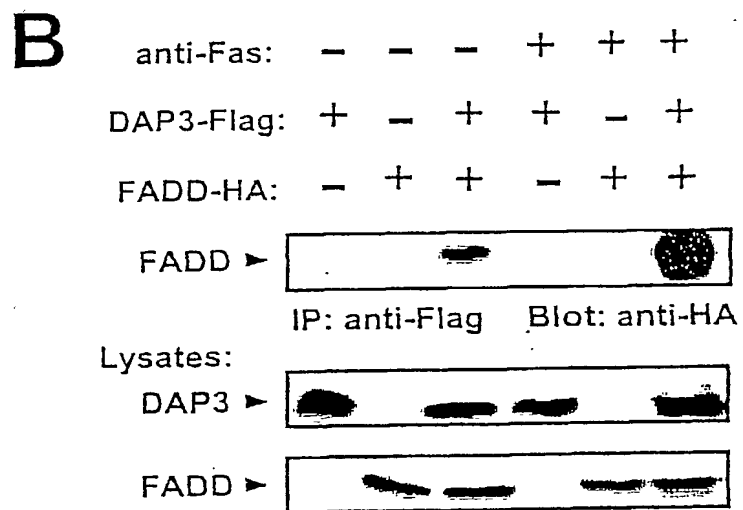


FIGURE 1B

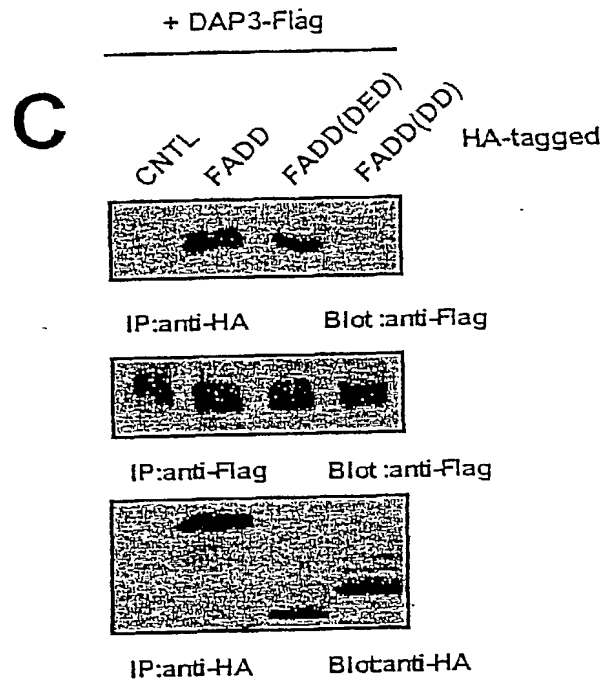


FIGURE 1C

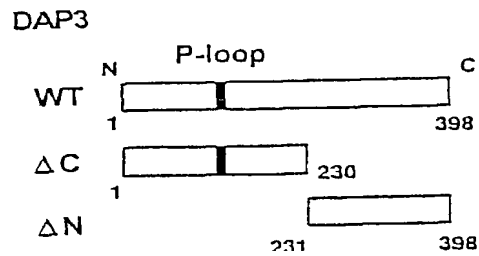
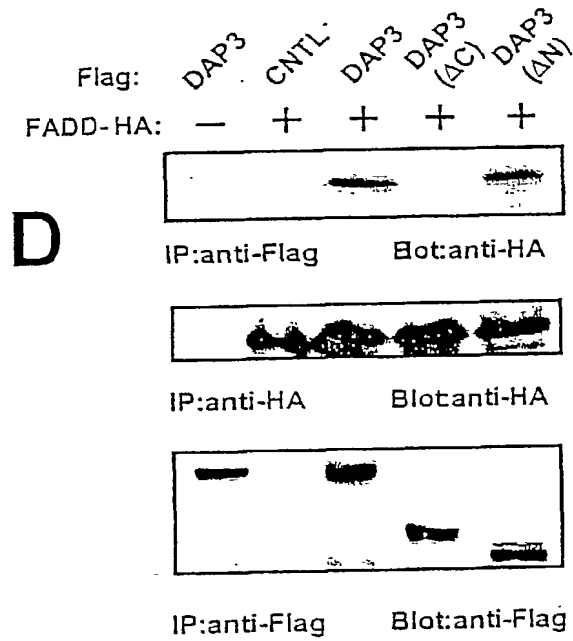


FIGURE 1D

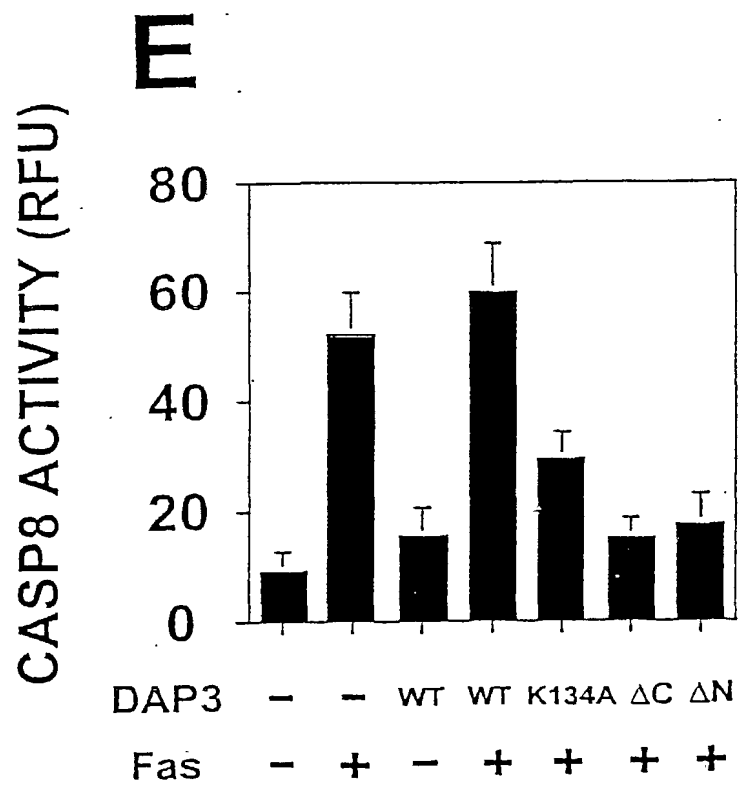


FIGURE 1E

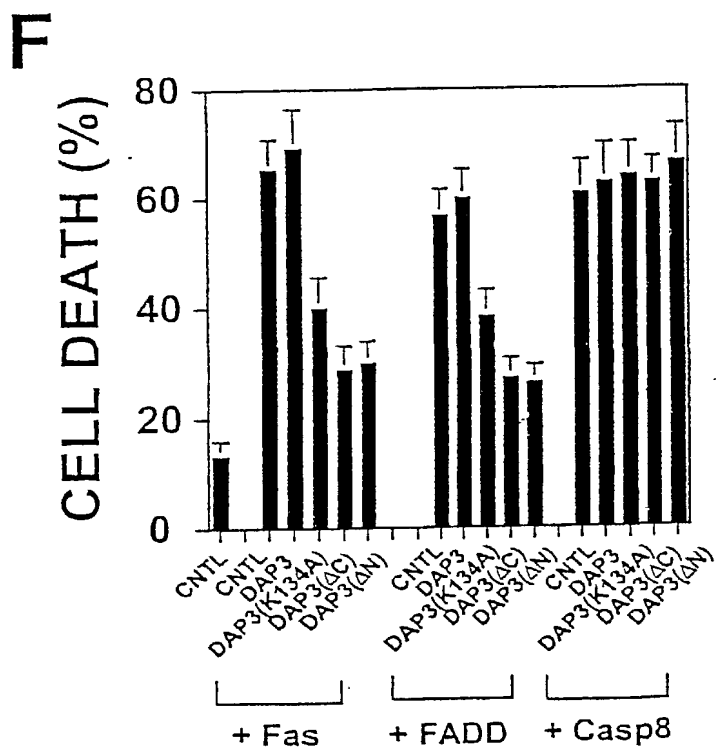


FIGURE 1F

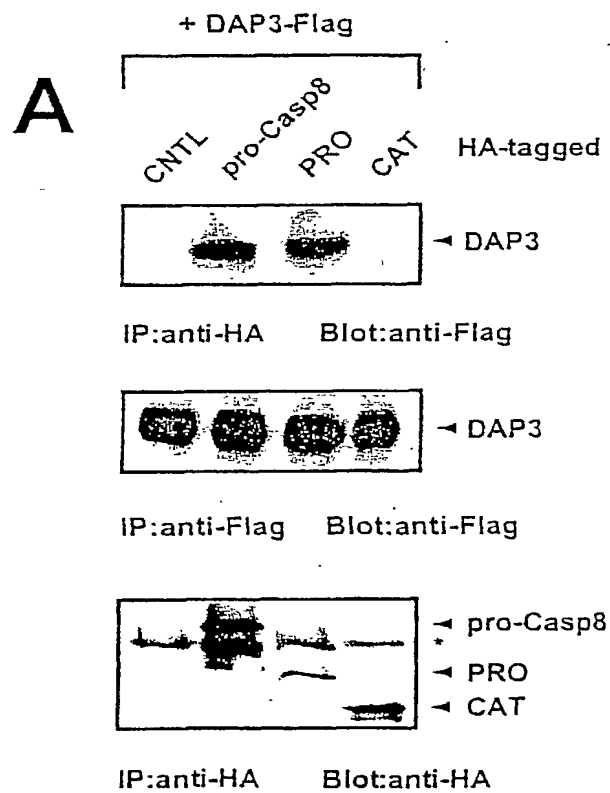


FIGURE 2A

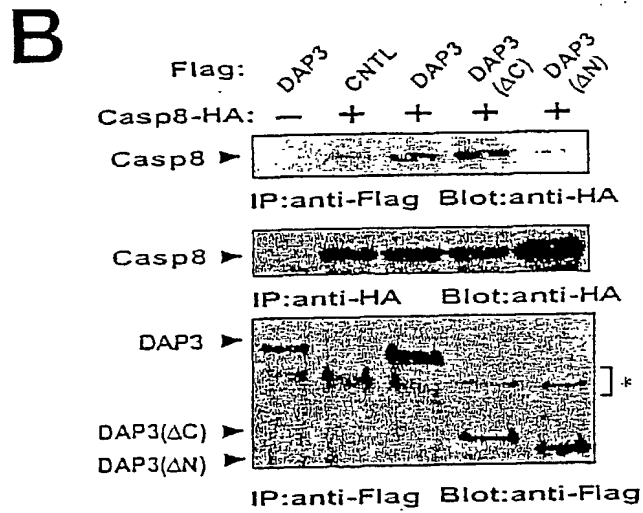


FIGURE 2B

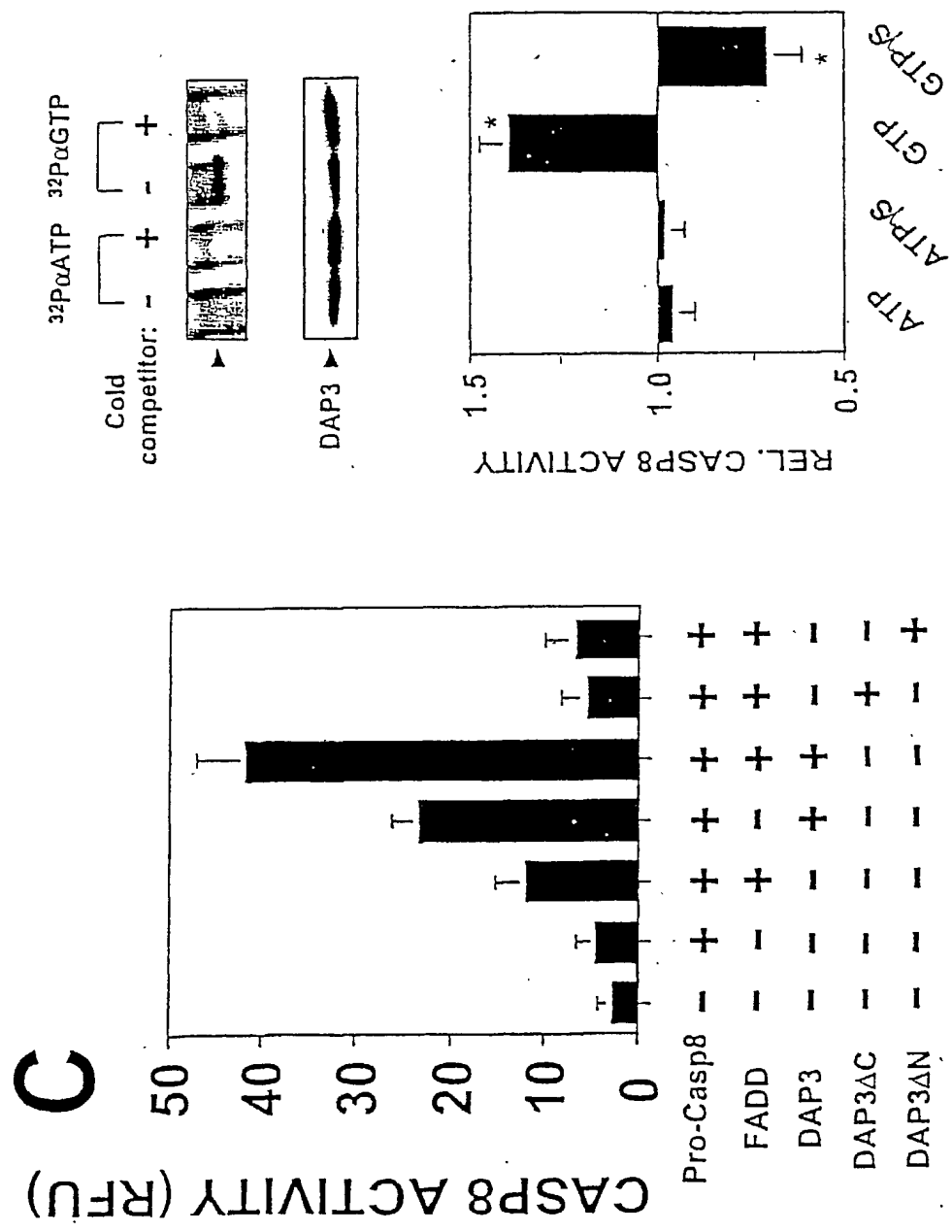


FIGURE 2C

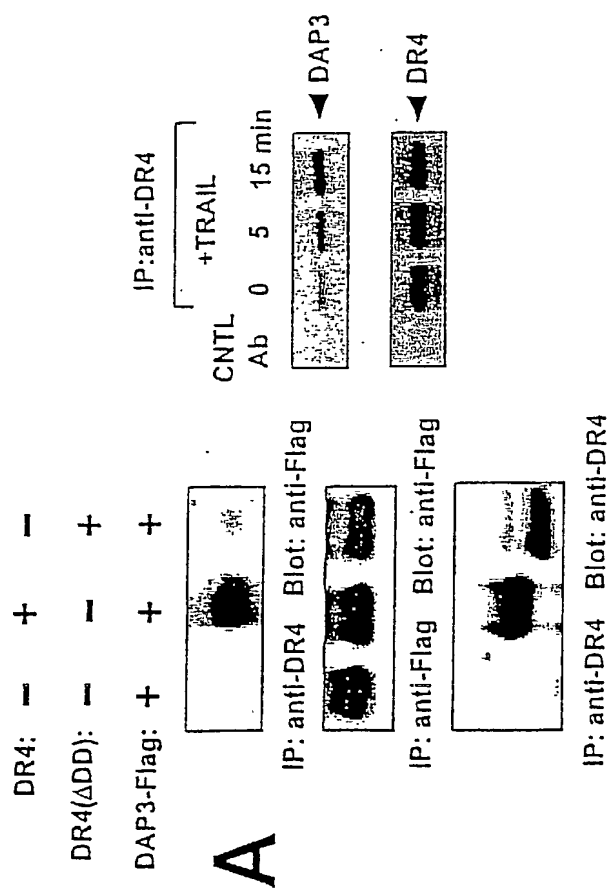


FIGURE 3A

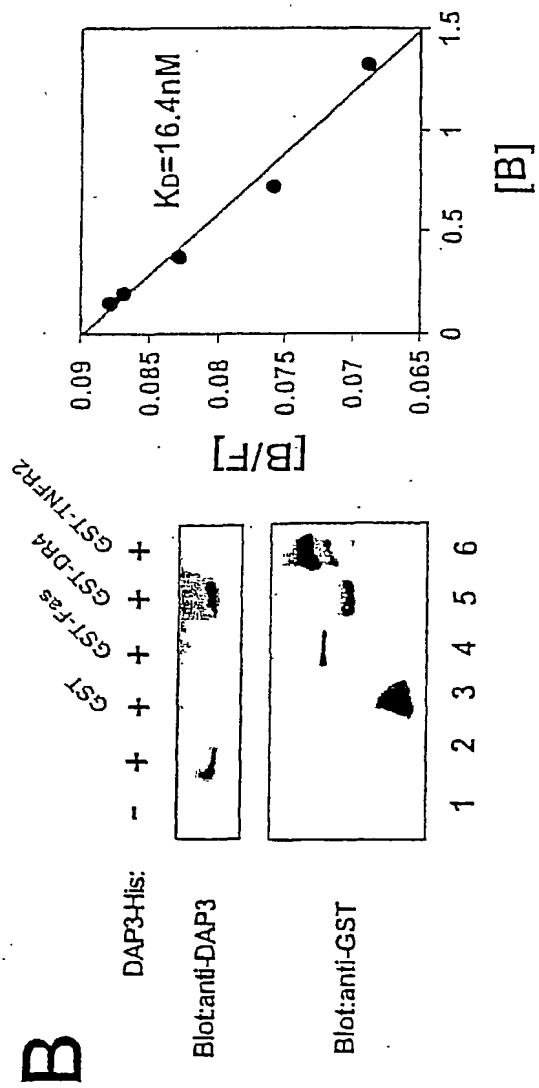


FIGURE 3B

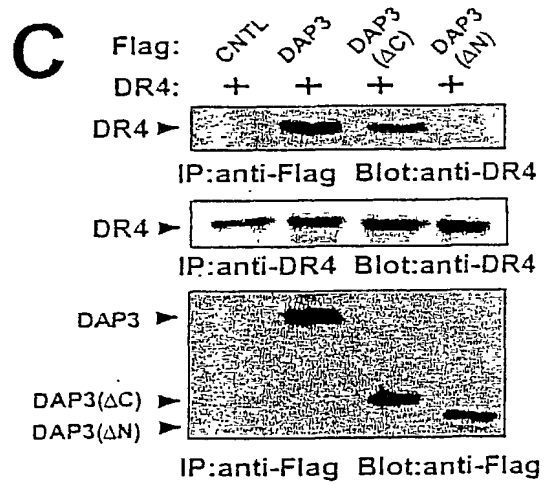


FIGURE 3C

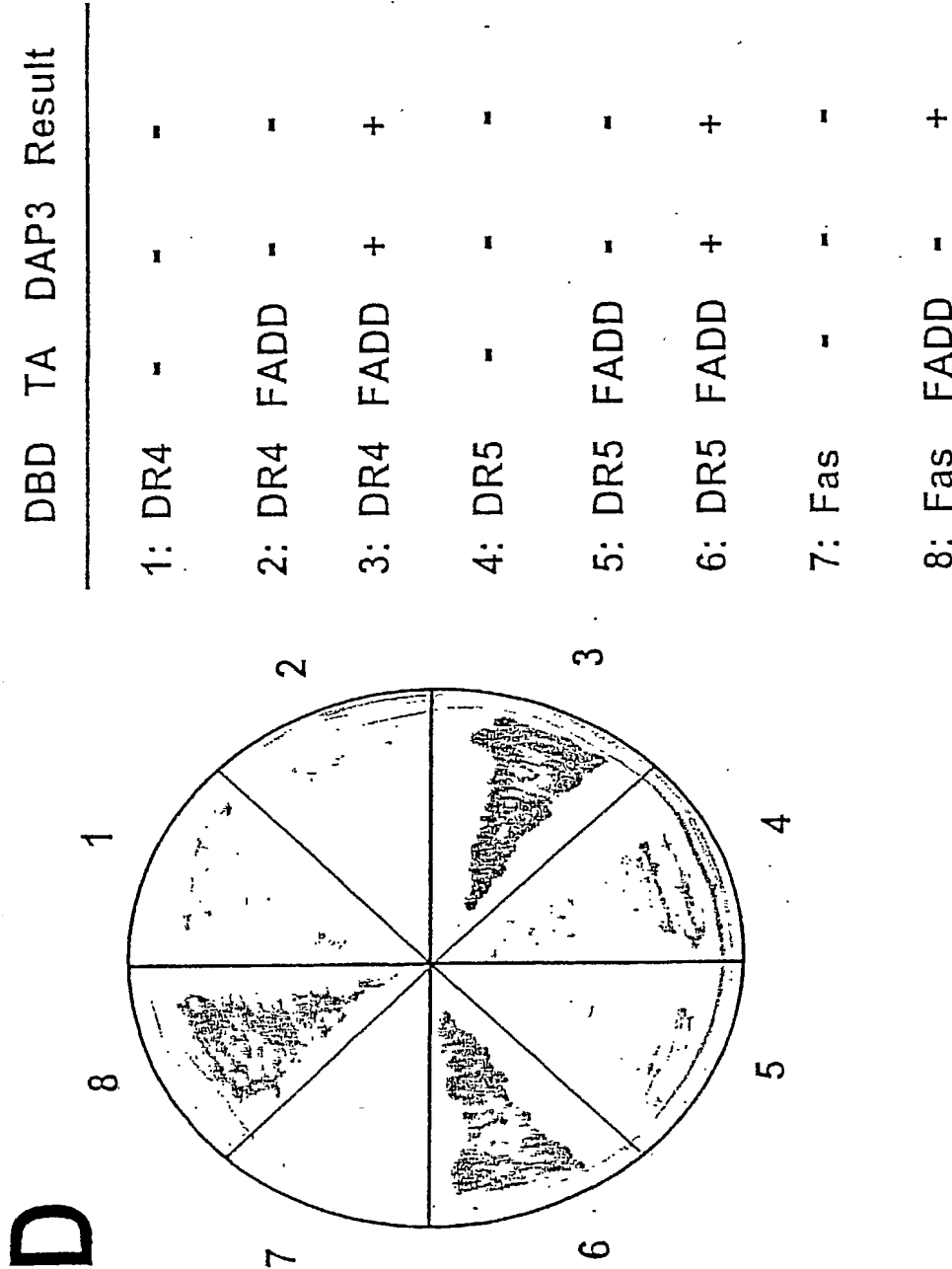


FIGURE 3D

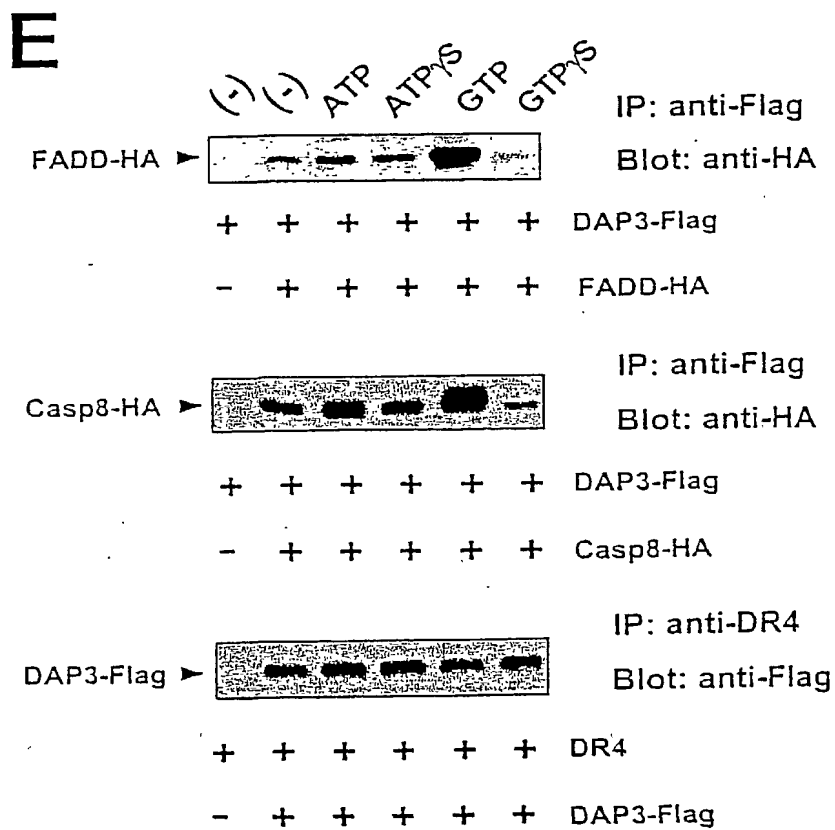


FIGURE 3E

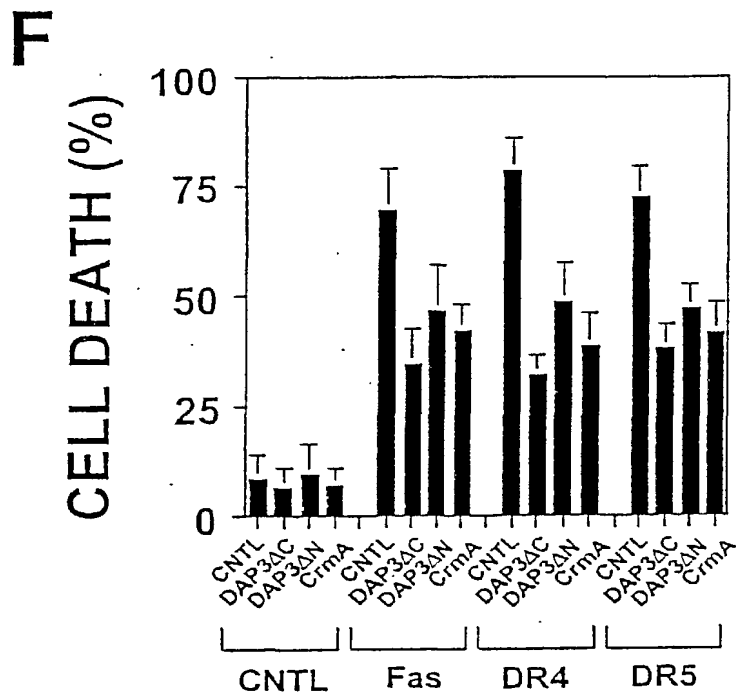


FIGURE 3F

G

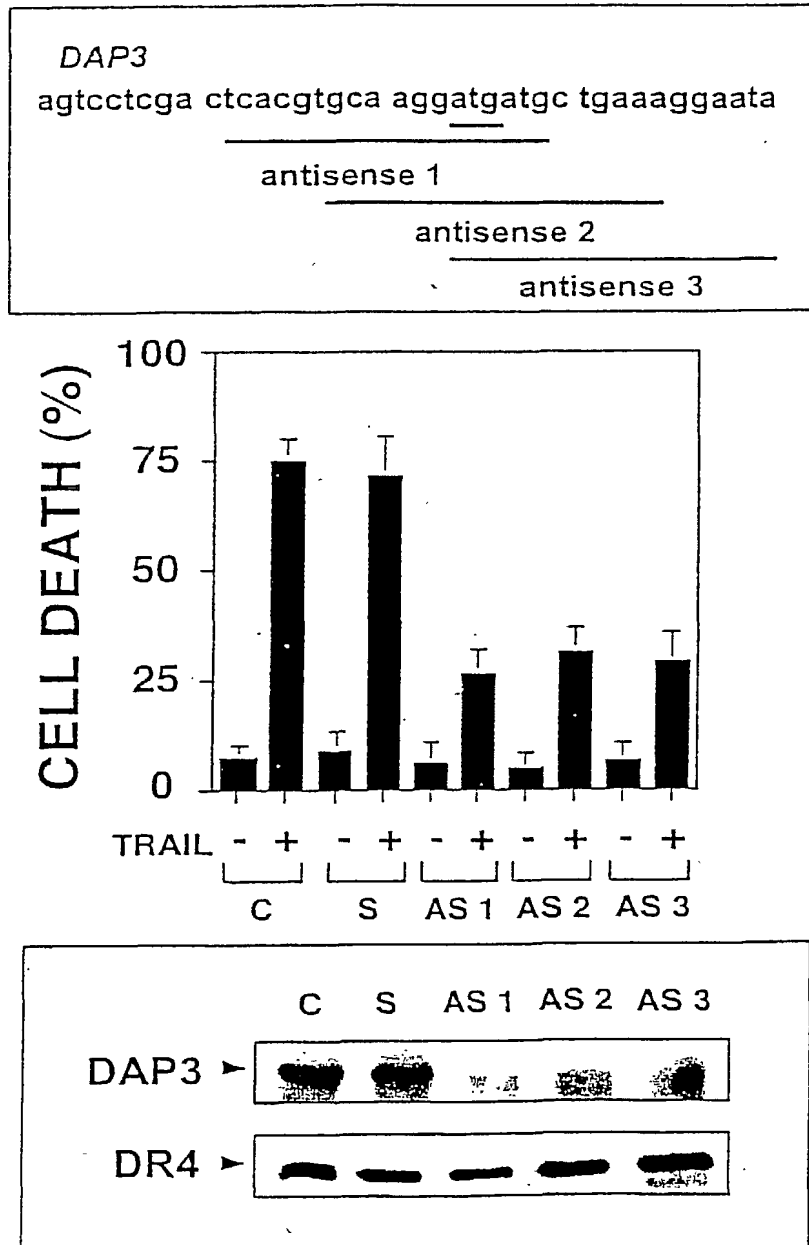


FIGURE 3G

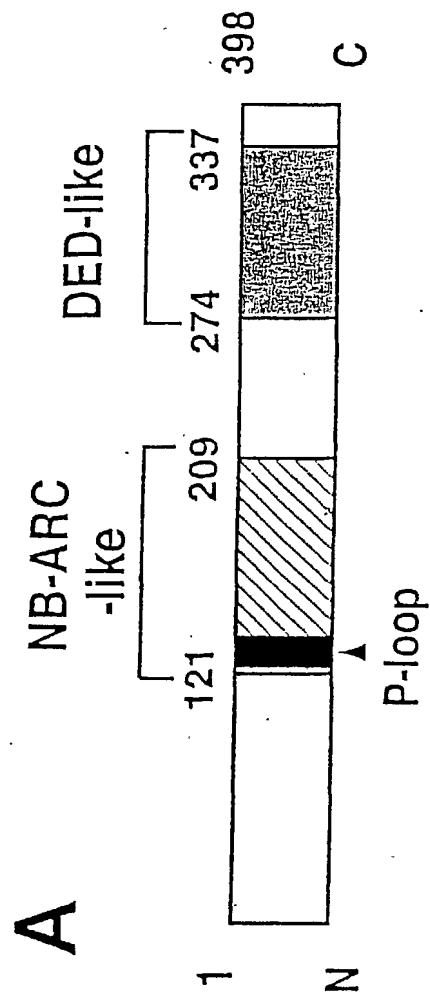


FIGURE 4A

1115	T S F A Y P A I R Y L L G G K G G K S V L C F V D H	- - - - -	F C A K Q D W L	- - - - -	DAP3
1142	H G M A G C G K S V A A B A A F D H S L L E G C F P G G H W V S V G K Q	- - - - -	W V S V G K Q	- - - - -	Apa1N
1146	L H G R A G G K S V A A B A A F D H S L L E G C F P G G H W V S V G K Q	- - - - -	W L K D S G T	- - - - -	CED4
152	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
191	D K S G L L M K L Q W C T R L D Q C S F S Q R L P L N E E A K D R L L K R M L C N A L L D D R P	- - - - -	W W K N G R D L L R Q S S Y	- - - - -	DAP3
196	A P K S T F D L F T D L L M L K S E D L L N F P S W E H Y A T S V V L K R M L C N A L L D D R P	- - - - -	L R K H P R	- - - - -	Apa1N
1774	K Q R F O Q P E F W S T - - - - -	- - - - -	- - - - -	- - - - -	CED4
238	L L L D D V W D S - - - - -	- - - - -	- - - - -	- - - - -	DAP3
2245	L F W F D D V W G E T I R W A - - - - -	- - - - -	- - - - -	- - - - -	Apa1N
2245	- - - - -	- - - - -	- - - - -	- - - - -	CED4

268

MWGRTR	LKREID	PQESLSEELALWHNL	- - - -	SLLQLQEELSLGGLVPRNKLEMS- - - LSFLLAF	DAP3 DED Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED
MDLFERNLYOISIEVSDRYENLKPMI	HLLIRVNLIIDBSNGLDSSSEL	LPSRSELRSKFLCLGVDRYENLKPMI	PKKQEPIDMKLDMFLDWFH	W H G G A M V S A L S Q	Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED
KVSFRRLLEYEHSLS	IISBNGLDSSSEL	VSVDRYENLKPMI	PKKQEPIDMKLDMFLDWFH	W H G G A M V S A L S Q	Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED
MDPFLVLLHSA	ISSSLS	SSSEL	PKKQEPIDMKLDMFLDWFH	W H G G A M V S A L S Q	Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED

312

ETGS	LFPKPKAA	LPPEELLGKGFGFDAL	K T Y E E L S L G G L V P R N K L E M S - - - L S F L L A F	DAP3 DED Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED	
EKRML	EEGNLS	FLLKRELLQRINRLDL	PKKQEPIDMKLDMFLDWFH	W H G G A M V S A L S Q	Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED
KRV	GEGGLDI	KKRVCARINRKSL	PKKQEPIDMKLDMFLDWFH	W H G G A M V S A L S Q	Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED
QGGK	EEPTFFLAELLYLIRQKKLLRR	AEELLYILRQKKLLRR	PKKQEPIDMKLDMFLDWFH	W H G G A M V S A L S Q	Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED
EQND	LEPGNT	LEELCKTVVPKLLRH	PKKQEPIDMKLDMFLDWFH	W H G G A M V S A L S Q	Casp8 DED1 Casp8 DED2 Casp10 DED1 Casp10 DED2 FADD DED

FIGURE 4B, C

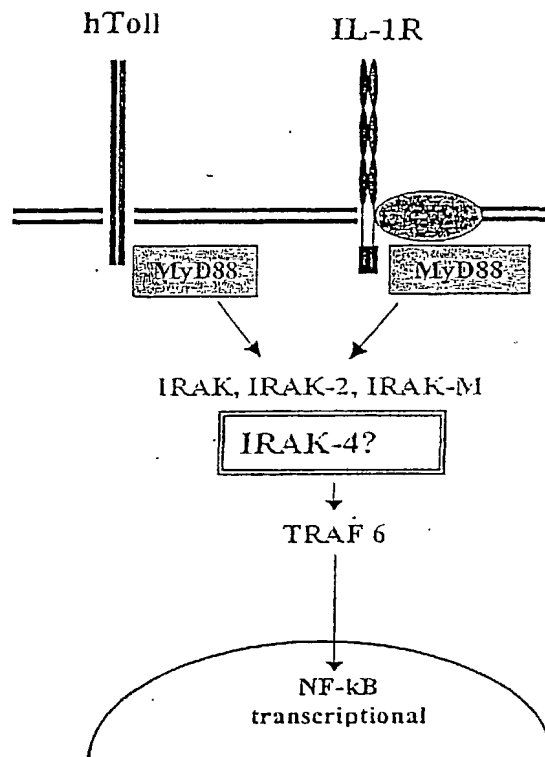


FIGURE 5

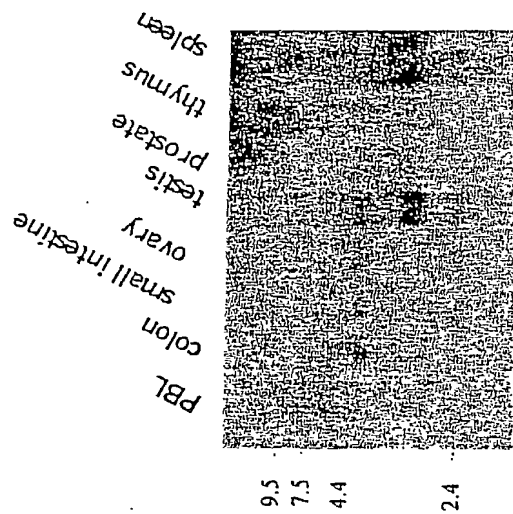


FIGURE 6

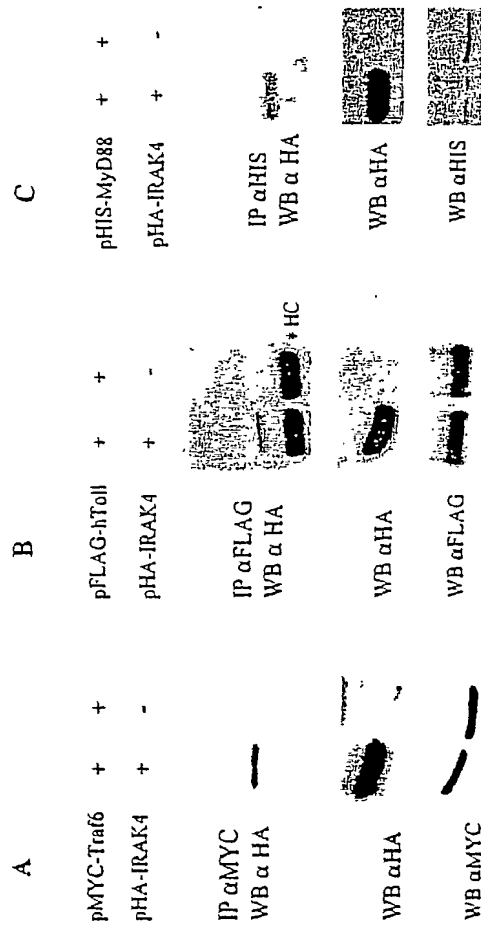


FIGURE 7

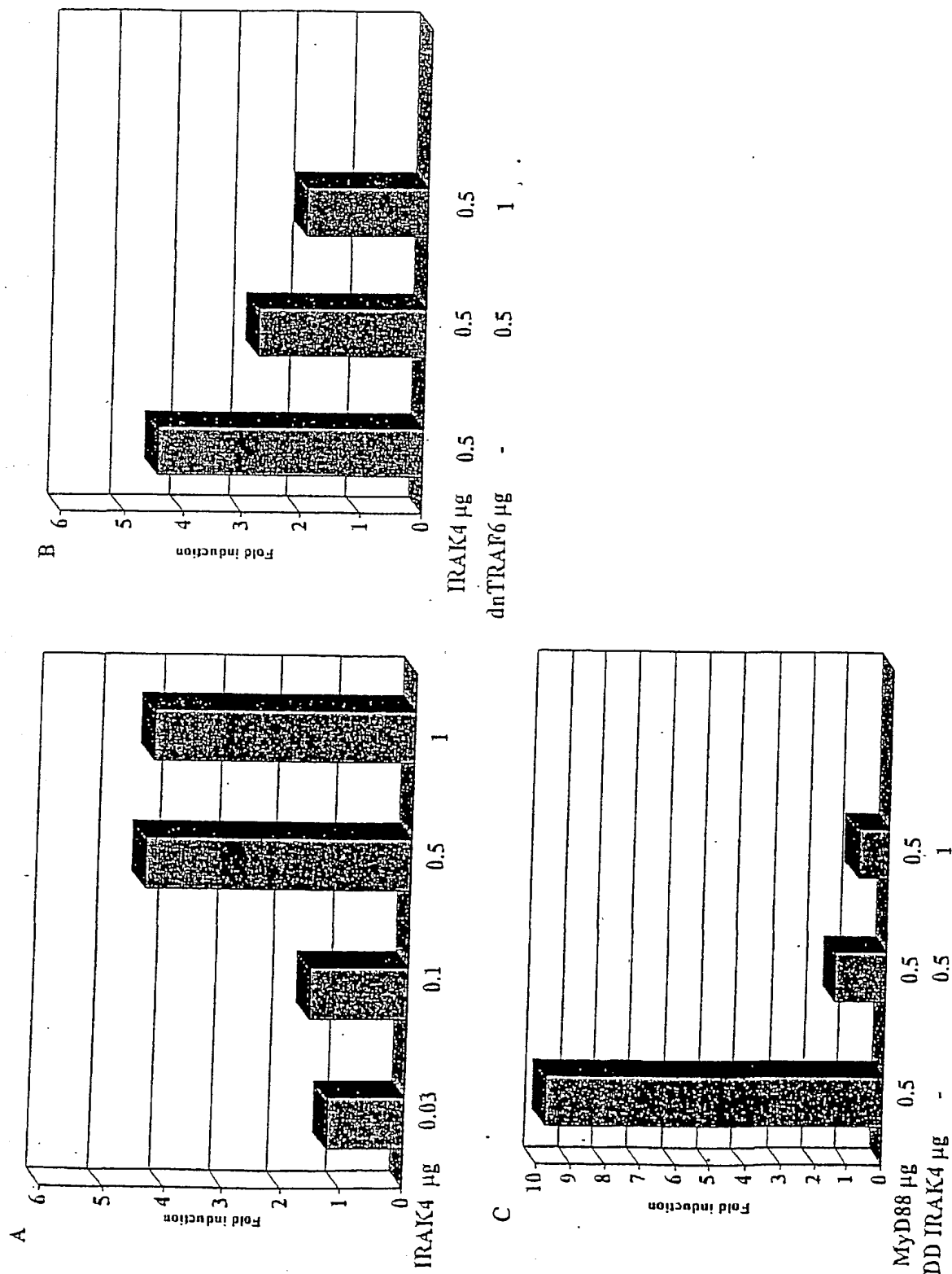


FIGURE 8

a tgaacaaacc cataacacca tcaacatatg tgcgctgcct caatgttggga ctaattagga agctgtcaga
ttttattgat cctcaagaag gatggaagaa gttagctgta gctattaaaa aaccatctgg
tgatgataga tacaatcagt ttacacataag gagatttgaa gcattacttc aaactggaaa
aagtcctcact tctgaattac tgtttgactg gggcaccaca aattgcacag ttggtgatct
tgtggatctt ttgatccaaa atgaattttt tgctcctgag agtcttttgc tcccagatgc
tgttcccaaa actgctaata cactaccttc taaagaagct ataacagttc agcaaaaaca
gatgcctttc tgtgacaaag acaggacatt gatgacacct gtgcagaatc ttgaacaaag
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ttttcacagt ttttcatttt atgaattgaa gaatgtcaca aataactttg atgaacgacc
catttctgtt ggtggttaata aaatgggaga gggaggatct ggagtgtat ataaaggcta
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aaatcatcat attcatagag atattaaaag tgcaaatatc ttactggatg aagcttttac
tgctaaaaata tctgactttg gccttgacag ggcttctgag aagtttgccc agacagtcac
gactagcaga attgtgggaa caacagctta tatggcacca gaagctttgc gtggagaaat
aacacccaaa tctgatattt acagcttttg tgtggtttta ctagaaataa taactggact
tccagctgtg gatgaacacc gtgaacctca gttattgcta gatattaaag aagaaattga
agatgaagaa aagacaattg aagattatat tgataaaaag atgaatgatg ctgattccac
ttcagttgaa gctatgtact ctgttgctag tcaatgtctg catgaaaaga aaaataagag
accagacatt aagaaggttc aacagctgct gcaagagatg acagcttctt aa

FIGURE 10A

Title: NOVEL DEATH DOMAIN PROTEINS
Inventors: Reed et al.
Serial No.: 10/001,254
Filing Date: November 15, 2001
Attorney Docket: P-LJ 5037
USPTO Customer No. 23601 (858-535-9001)

25/32

MNKPITPSTYVRCLNVGLIRKLSDFIDPQEGWKKLAVAIKKPSG
DDRYNQFHIRRFEALLQTGKSPTSELLFDWGTTNCTVGDLVDLLIQNEFFAPASLLLP
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SDTRFHSESFYELKNVTNNFDERPISVGGNKMGEFGGVYKGYVNNNTTVAVKKLAAM
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LDGTPPLSWHMRCKIAQGAANGINFLHENHHIHRDIKSANILLDEAFTAKISDFGLAR
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PQLLLDIKEEIEDEEKTIEDYIDKKMNDADSTSVEAMYSVASQCLHEKKNKRPDIKKV
QQLLQEMTAS

FIGURE 10B

Title: NOVEL DEATH DOMAIN PROTEINS
Inventors: Reed et al.
Serial No.: 10/001,254
Filing Date: November 15, 2001
Attorney Docket: P-LJ 5037
USPTO Customer No. 23601 (858-535-9001)

26/32

Death domains:

C. pneumoniae

DLWRQFALSLGVSEEEELANHEFSQAAQDMVATFRRLCDMPQLAVGLGALYTYEIQIPQVCVEKIR

C. muridarum

DLWKQFVFALGVSSSEEAHEPSEAAKAKVATFMRWCTGDSLAAGVAALYSYESQIPCVAKEKIR

C. psittaci

DLWKNFAYALGVTEEELENHVPSAAAQKKVDTFLRWCTGDSLSAGVAALYTYESQIPTVAETKIS

FIGURE 11A

GI:7190927

ORGANISM Chlamydia muridarum

ORIGIN

1 mesrkgikev smnflldqla iiqnkhmleh pfymkwske ltkeqlqaya
kdyylhikaf
61 pkylsaihsr cddlearkll ldnlmdeeng ypnhidlwkq fvfalgsse
eleahpsea
121 akakvatfmr wctgdslaag vaalysyesq ipcwakekir glieyfgfsn
pedyayfteh
181 eeadvrhare ekaliemlsr ddsdkvleas revtqslygf ldsflepatc
chchka

GI:7468151

ORGANISM Chlamydophila pneumoniae [Chlamydia pneumoniae]

ORIGIN

1 mtswielldk qiedqhmlkh efyqrwsegk lekqqlqaya kdyylhikaf
pcylsalhar
61 cddlqirrqi lenlmdeeag npnhidlwrq falslgvsee elanhfsqa
aqdmvatfrr
121 lcdmpqlavg lgalytyeiq ipqvcvekir glkeyfgvsa rgyayftvhq
eadikhasee
181 kemlqtlvgr enpdavlqgs qevldtlwnf lssfinstep csck

FIGURE 11B

```
6405                                     ttaagc tttgtgacaa
6421 tgacaacatg ttgcaggctc taaaaatgaa tccaaaaagc cgtataaaga ttgtgtaact
6481 tctcgogaag cttctaaaac tttgtcgcta tcatctctag acaacatctc aattaaggcc
6541 ttttcttccc tagcatgacg cacatcagct tcttcatgct ccgtgaaata agcataatct
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6901 tcacaacggc tatgaatagc agataaatat tttggaaaag ctttgatatg caaatagtaa
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7021 aaaggggtgt ctaacatatg tttgttttga ataattgcat ctagctgac taaaaaatc
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FIGURE 11C

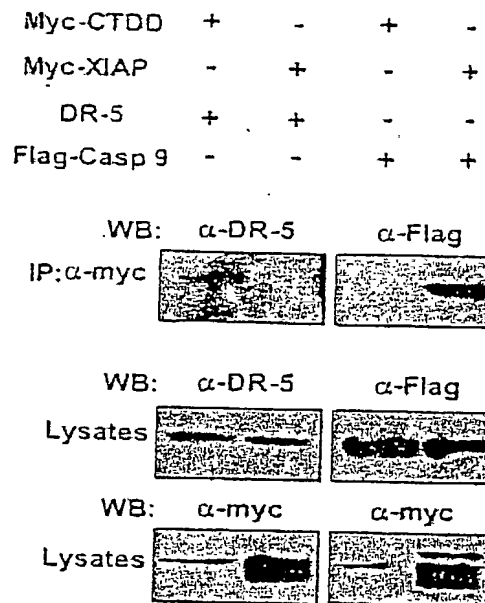


FIGURE 12

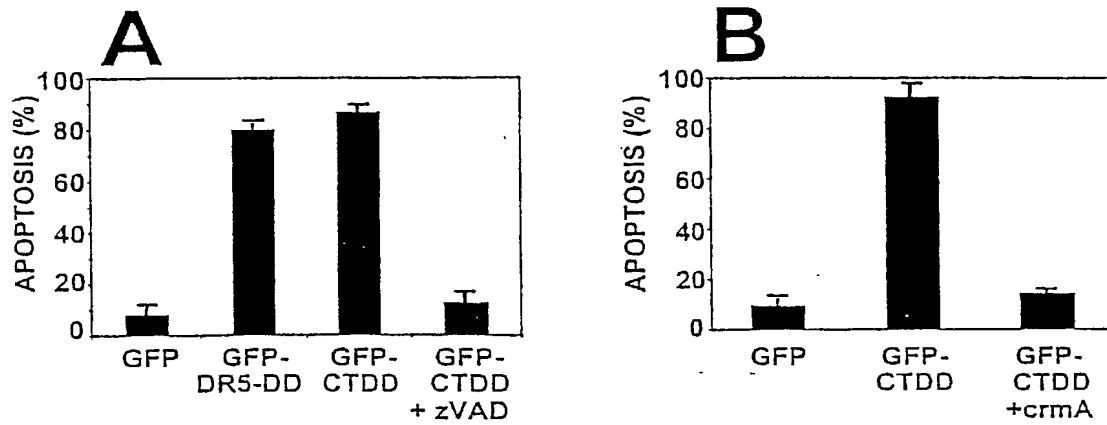


FIGURE 13

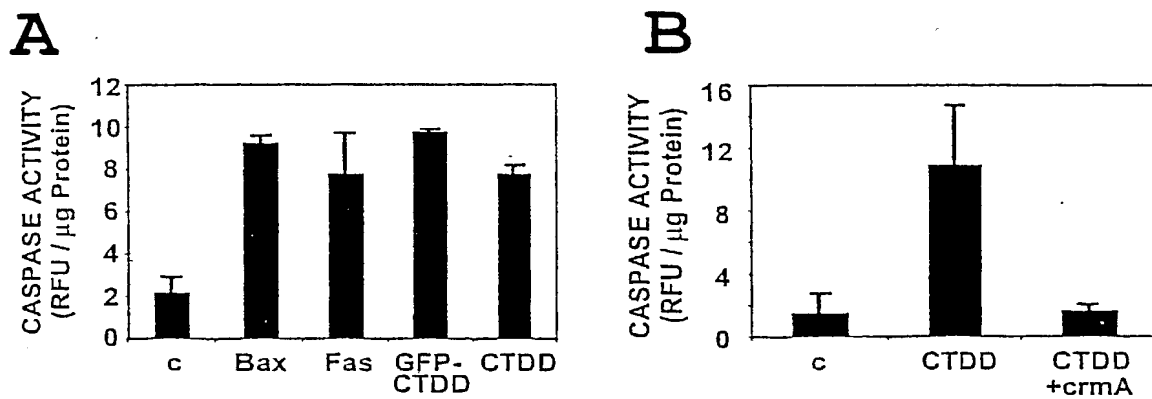


FIGURE 14

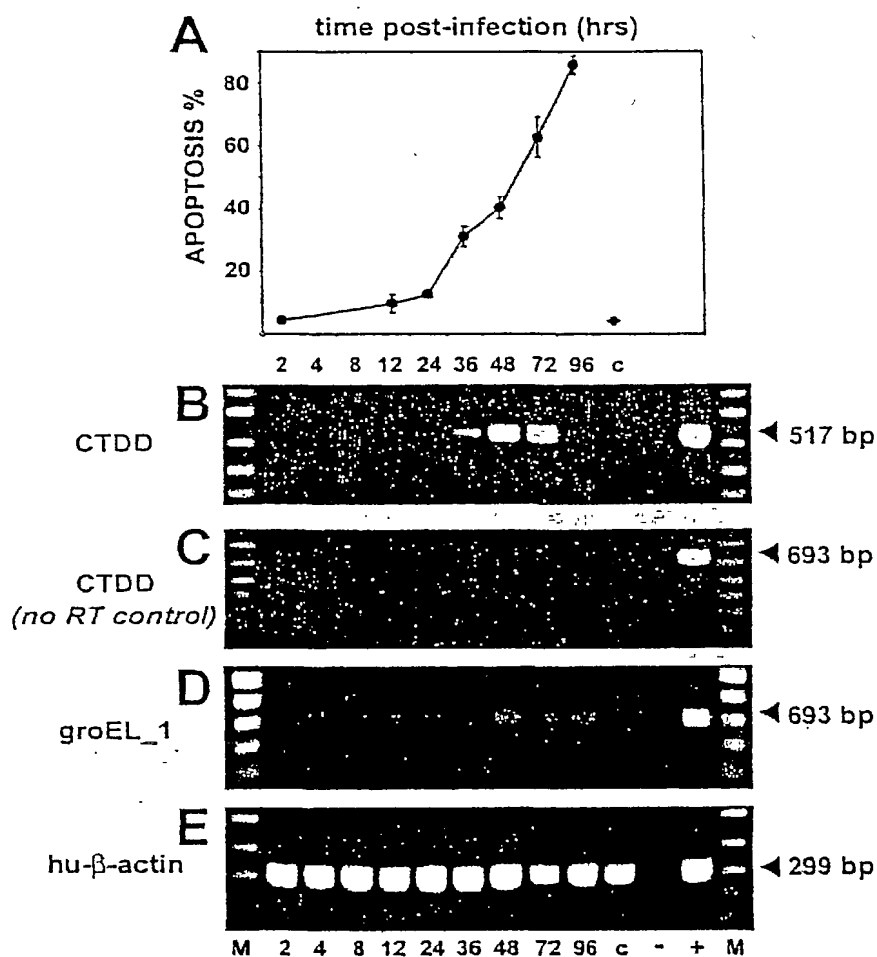


FIGURE 15